



LFS

STELLAR SURGICAL LIGHT AND FLATSCREEN SUPPORT ARM SYSTEM



LFS Flat screen support arm systems are designed to provide both optimum viewing flexibility when required and facility of storage when not in use. Long reach coupled with superior 345 degree rotation insure that users are able to position the flat screen exactly where needed.

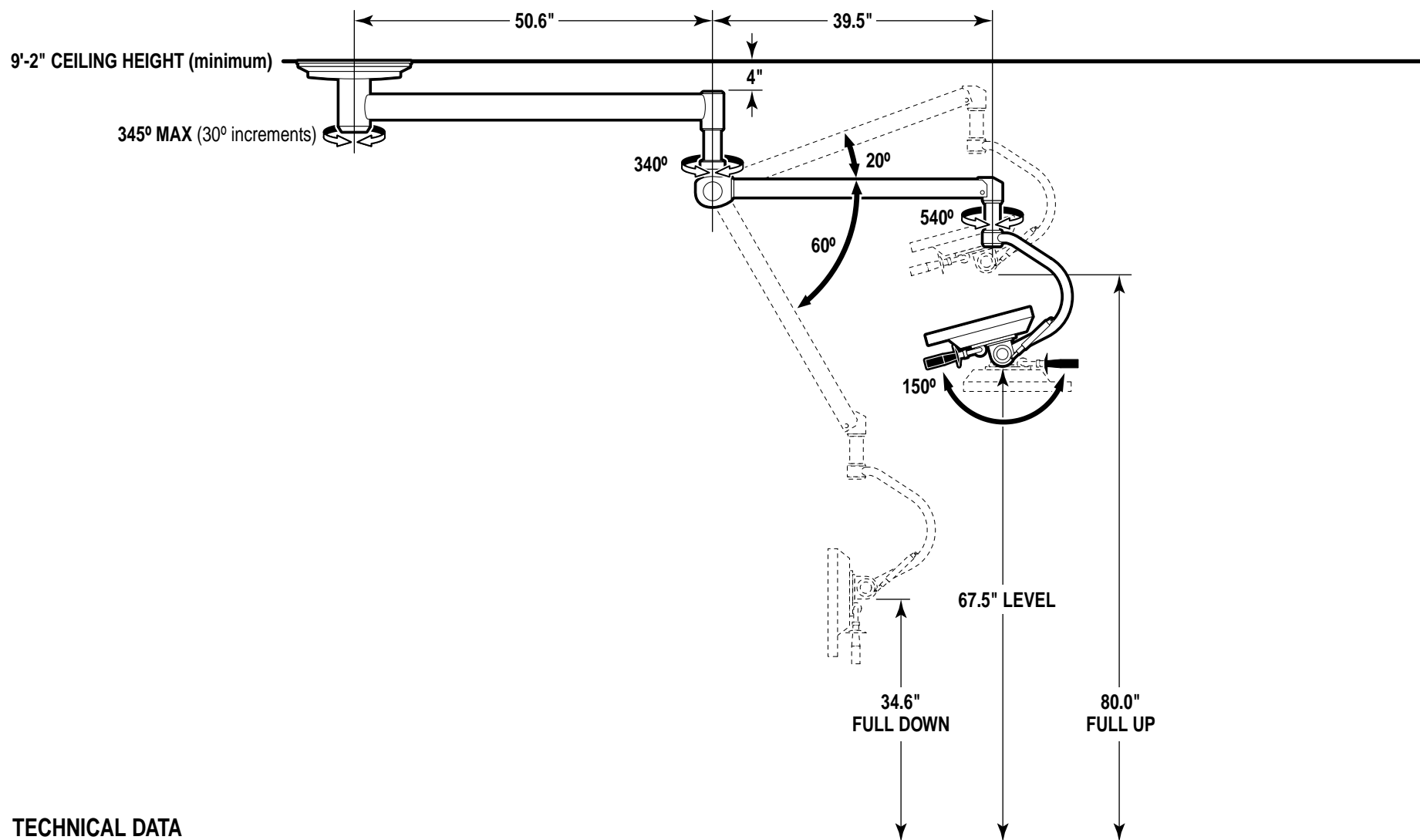
The LFS support arm systems provide 45.5 inches of vertical travel to accommodate the most challenging positioning requirements.

When not in use, the system provides 80 inches of headroom clearance.

Built to accommodate up to a 22 pound flat screen and equipped with 540 degrees of rotation and 150 degrees of tilt, the bracket is easily manipulated with two conveniently located sterilizable handles.

The LFS support arm systems can be combined with Skytron Stellar OR light fixtures.

Flat Screens Supplied by Others.

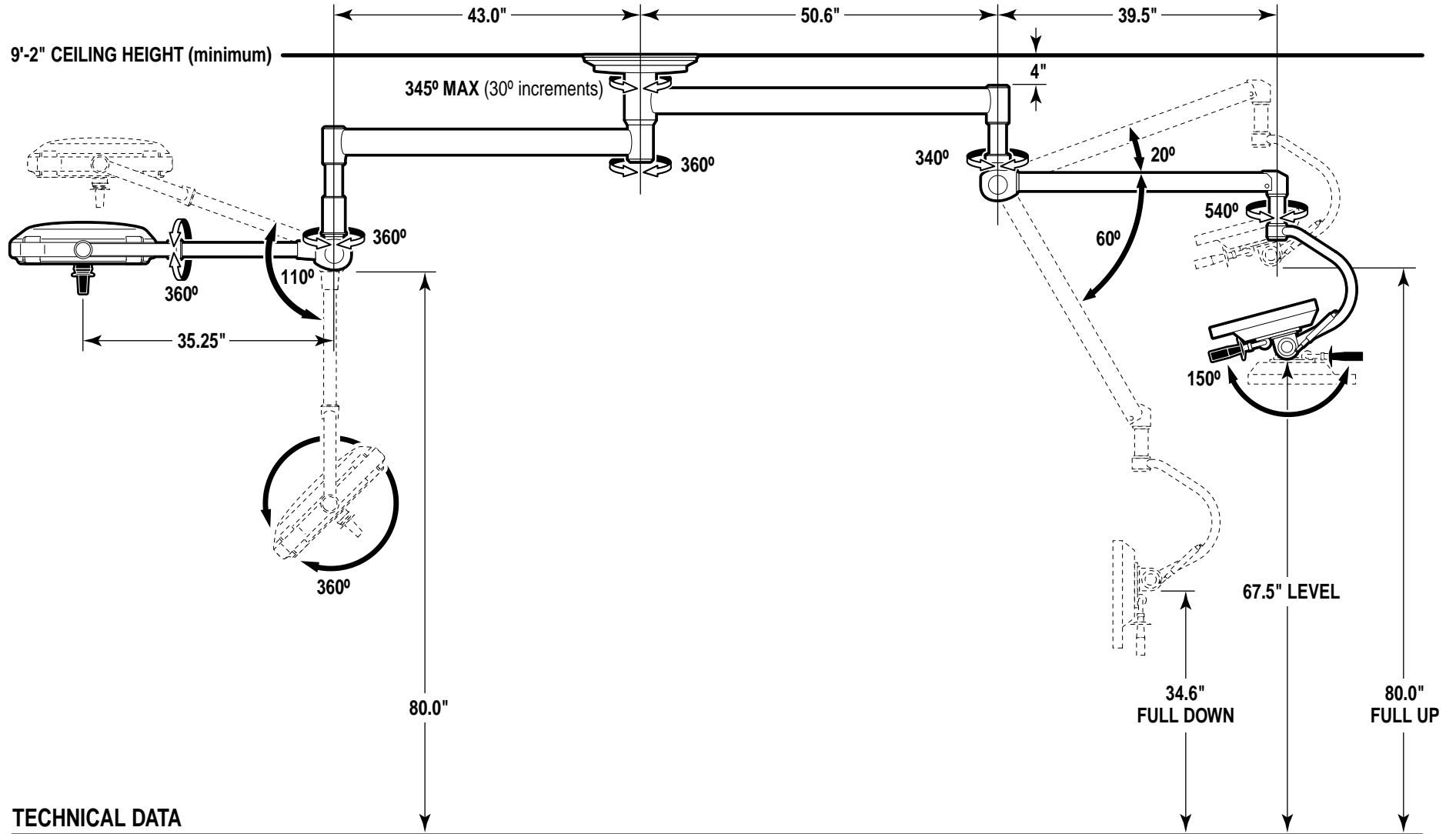


TECHNICAL DATA

- Fixture Weight: 135 lbs.
- Moment Load: 460 ft. lbs.

9'-2" CEILING HEIGHT (minimum)

LFS

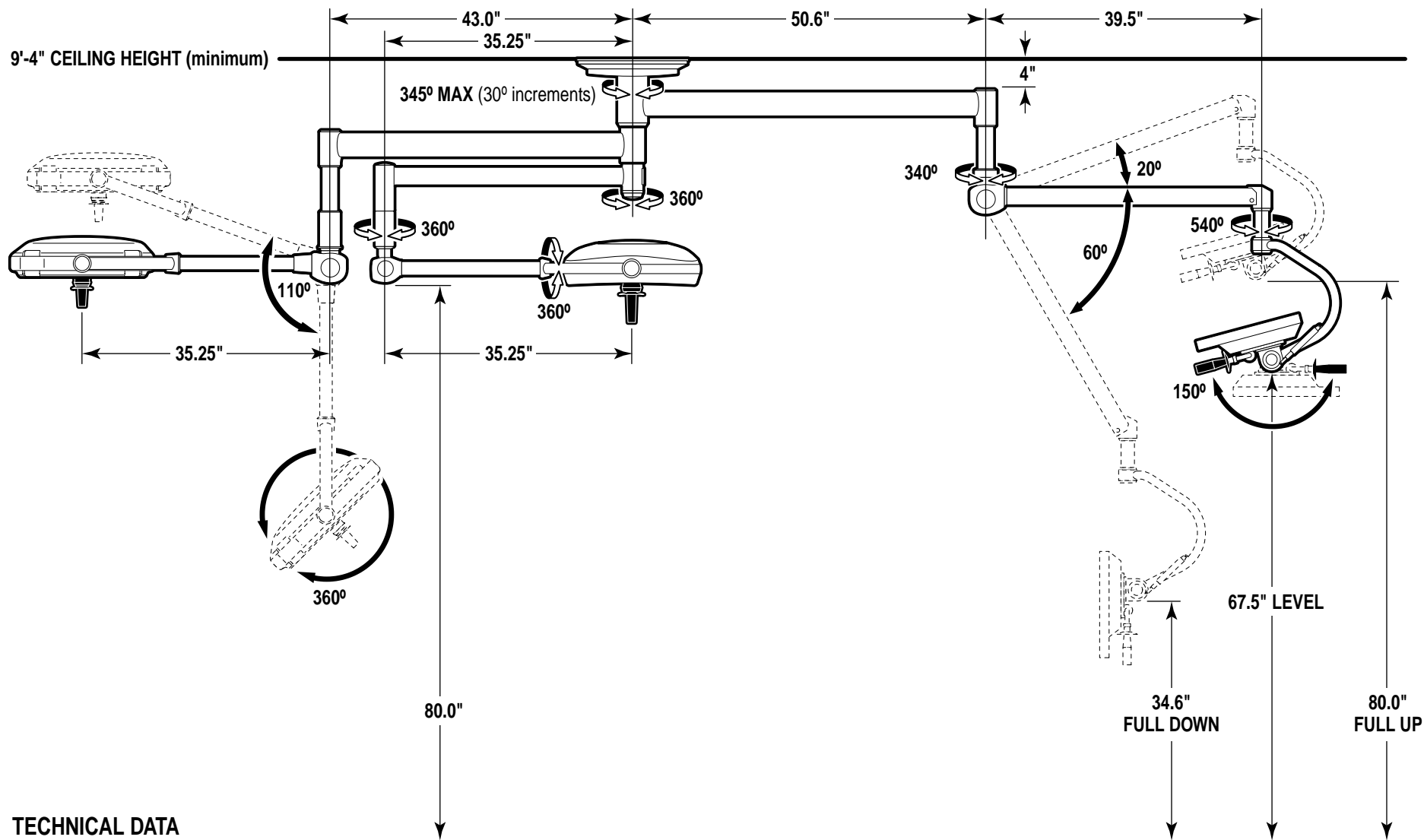


TECHNICAL DATA

- **Electrical:** 120v, 60 Hz, 1 phase
- **Power Consumption:** 250 watts (850 BTU/hr)
- **Amperage:** 2.5 amps, fuse protected (approximate)
- **Intensity:** 130,000 lux (12,000 fc)
- **Fixture Weight:** 235 lbs.
- **Moment Load:** 830 ft. lbs.

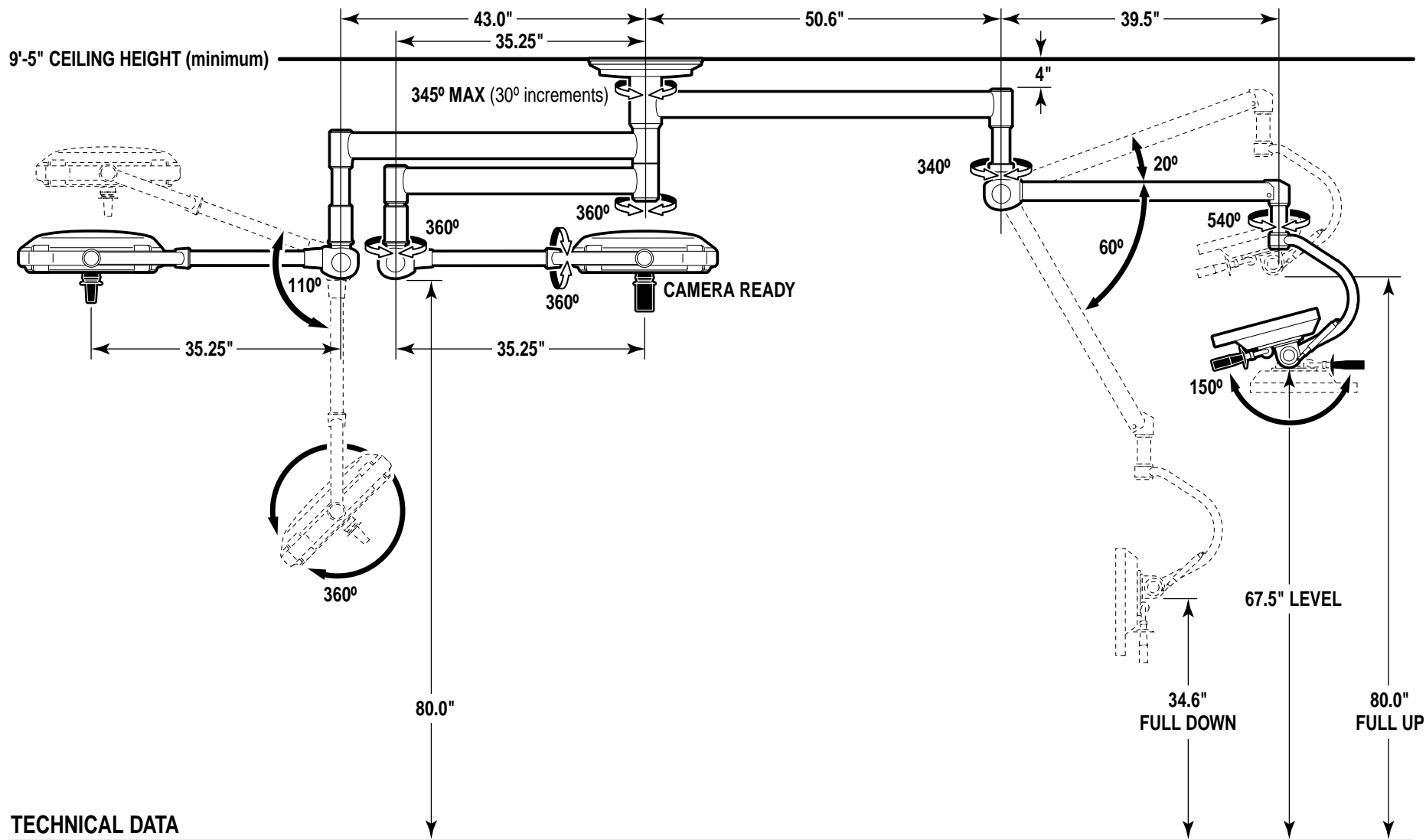
9'-2" CEILING HEIGHT (minimum)

LFSst23



9'- 4" CEILING HEIGHT (minimum)

LFSst2319wc

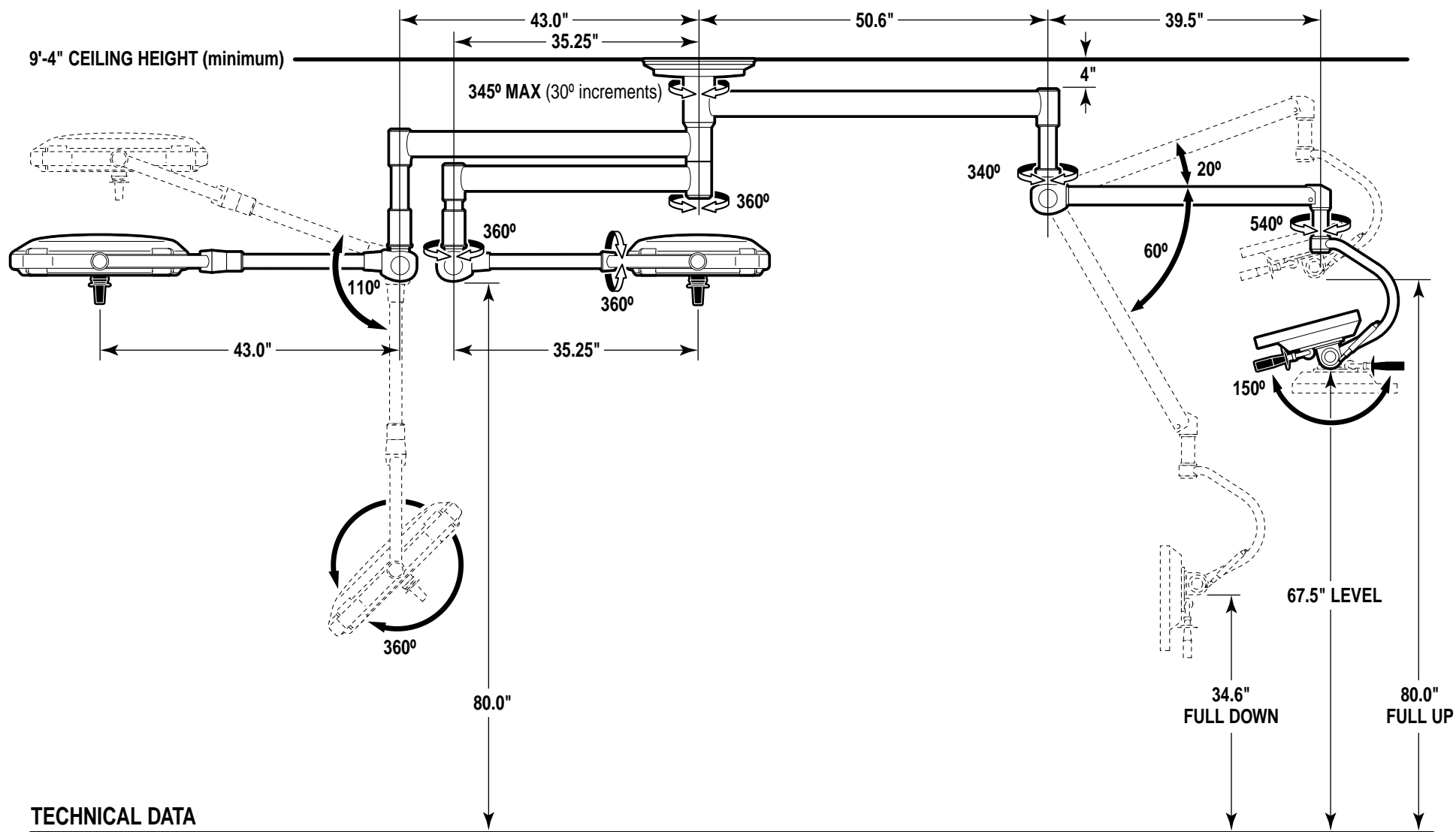


TECHNICAL DATA

- **Electrical:** 120v, 60 Hz, 1 phase
- **Power Consumption:** 500 watts (1,700 BTU/hr)
- **Amperage:** 5.0 amps, fuse protected (approximate)
- **Intensity:** 260,000 lux (24,000 fc)
- **Fixture Weight:** 330 lbs.
- **Moment Load:** 1,180 ft. lbs.

9'- 5" CEILING HEIGHT (minimum)

LFSsT2323TV

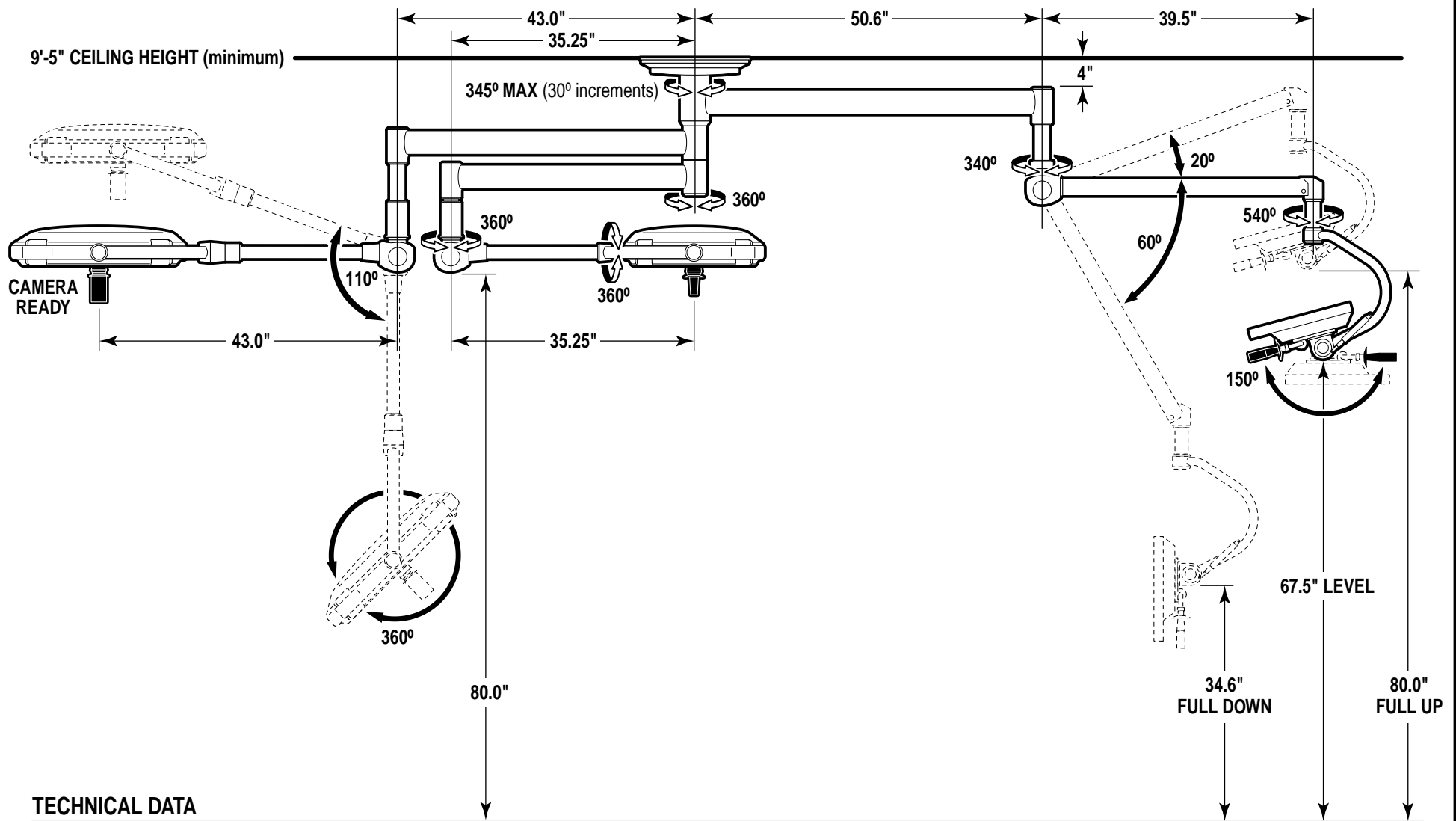


TECHNICAL DATA

- **Electrical:** 120v, 60 Hz, 1 phase
- **Power Consumption:** 600watts (2,040 BTU/hr)
- **Amperage:** 6.0 amps, fuse protected (approximate)
- **Intensity:** 290,000 lux (27,000 fc)
- **Fixture Weight:** 345 lbs.
- **Moment Load:** 1,320 ft. lbs.

9'-4" CEILING HEIGHT (minimum)

LFSst2923

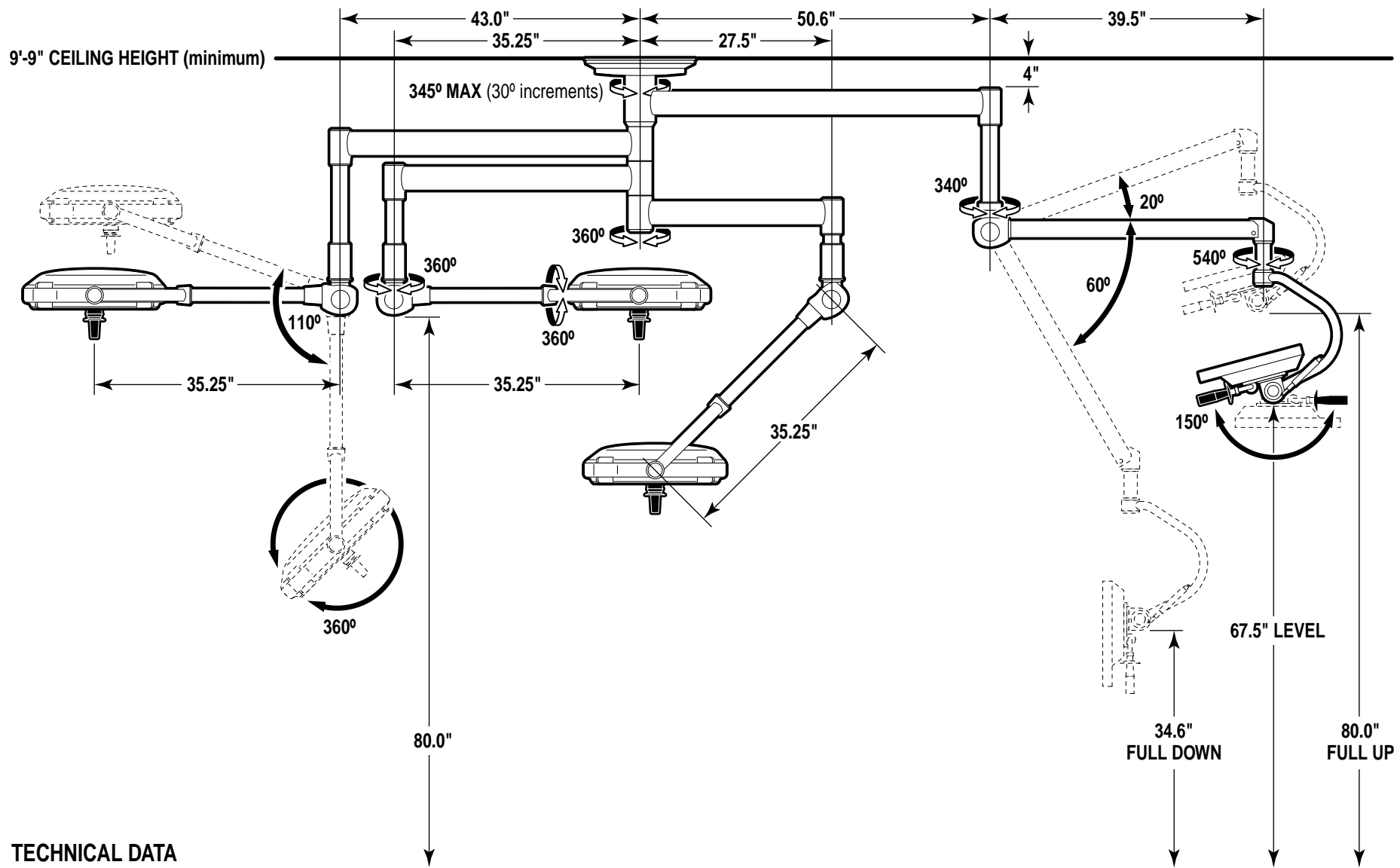


TECHNICAL DATA

- **Electrical:** 120v, 60 Hz, 1 phase
- **Power Consumption:** 600 watts (2,040 BTU/hr)
- **Amperage:** 6.0 amps, fuse protected (approximate)
- **Intensity:** 290,000 lux (27,000 fc)
- **Fixture Weight:** 350 lbs.
- **Moment Load:** 1,355 ft. lbs.

9'- 5" CEILING HEIGHT (minimum)

LFSst29TV23

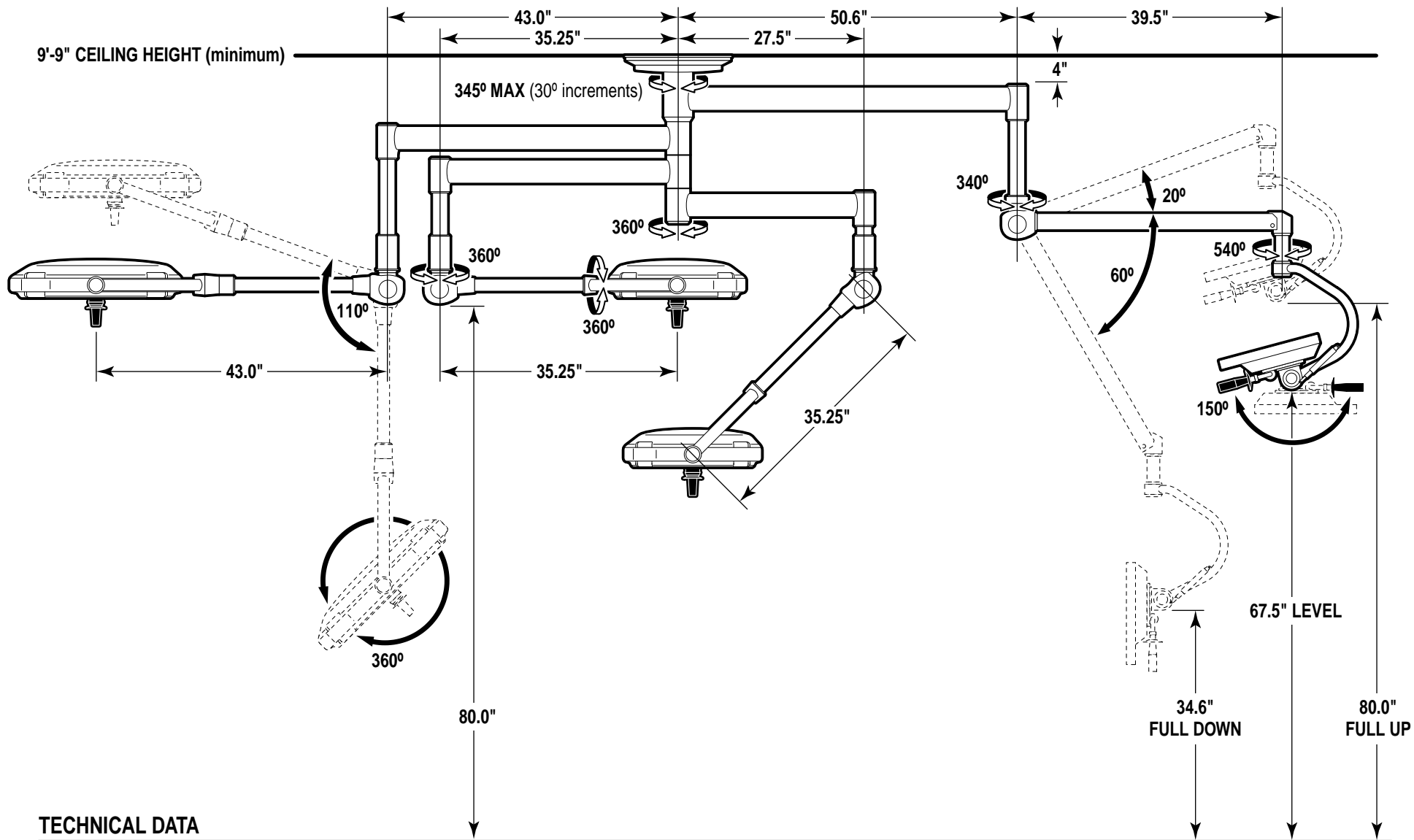


TECHNICAL DATA

- **Electrical:** 120v, 60 Hz, 1 phase
- **Power Consumption:** 750 watts (2,550 BTU/hr)
- **Amperage:** 7.5 amps, fuse protected (approximate)
- **Intensity:** 390,000 lux (36,000 fc)
- **Fixture Weight:** 400 lbs.
- **Moment Load:** 1,410 ft. lbs.

9'-9" CEILING HEIGHT (minimum)

LFSst232323



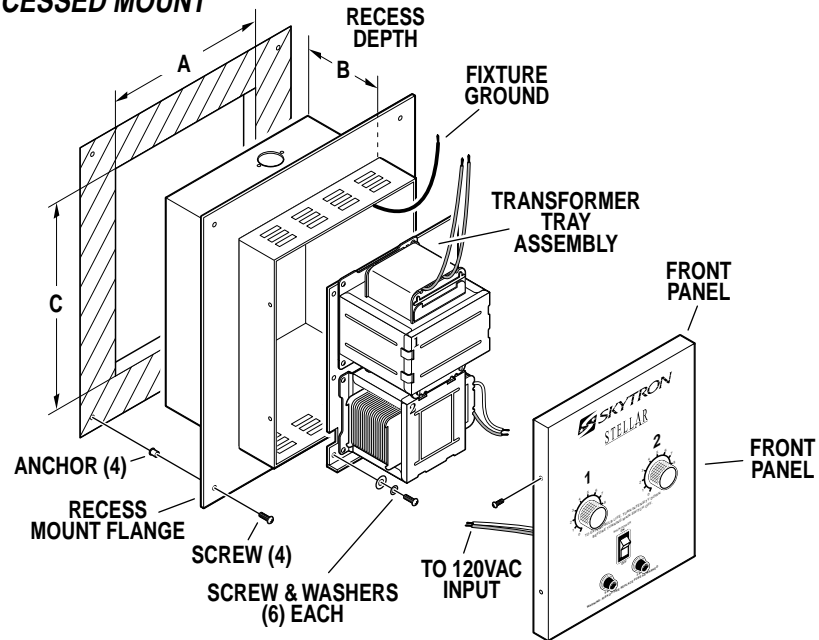
TECHNICAL DATA

- **Electrical:** 120v, 60 Hz, 1 phase
- **Power Consumption:** 850 watts (2,890 BTU/hr)
- **Amperage:** 8.5 amps, fuse protected (approximate)
- **Intensity:** 420,000 lux (39,000 fc)
- **Fixture Weight:** 425 lbs.
- **Moment Load:** 1,590 ft. lbs.

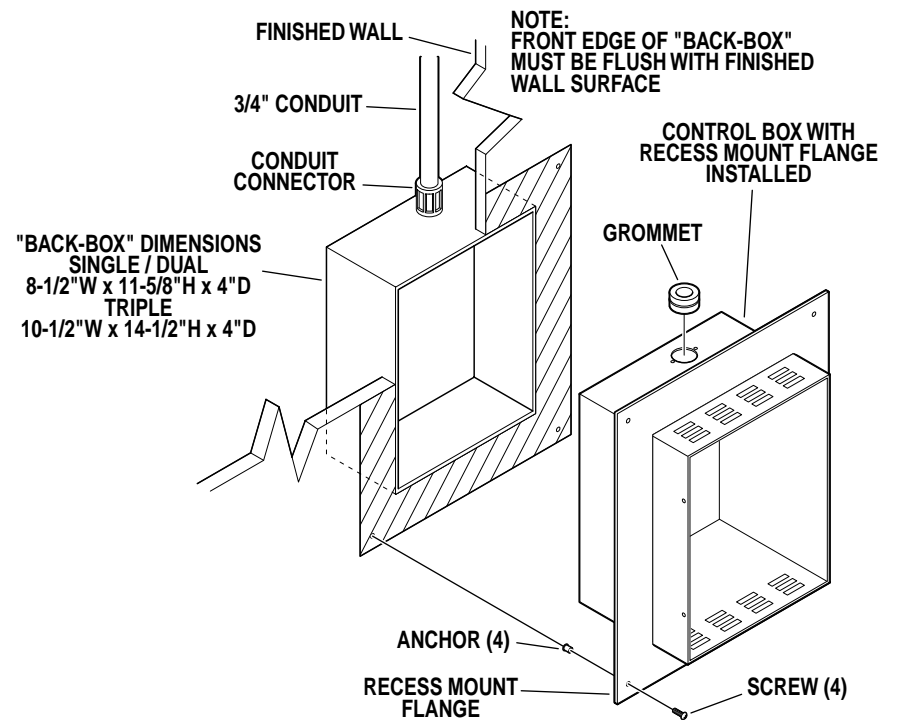
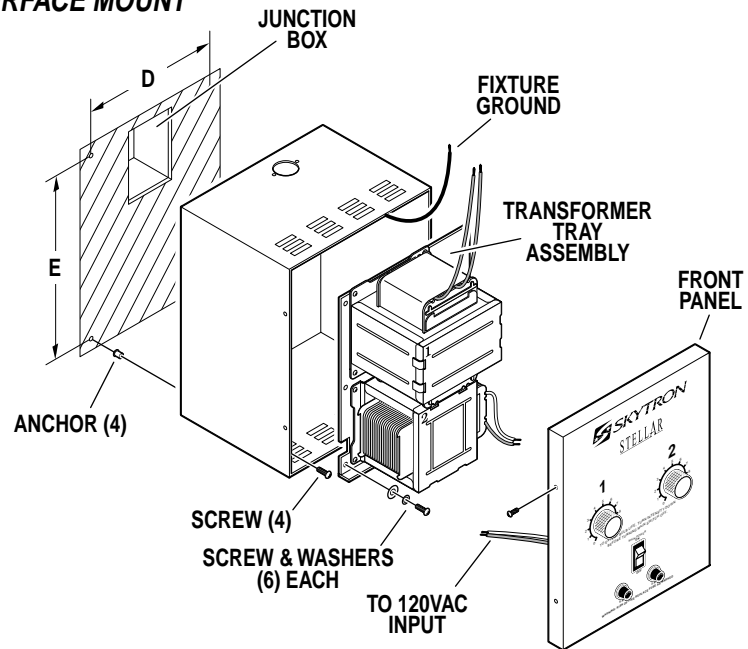
9'-9" CEILING HEIGHT (minimum)

LFSsT292323

RECESSED MOUNT

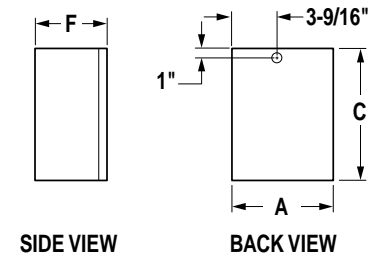


SURFACE MOUNT

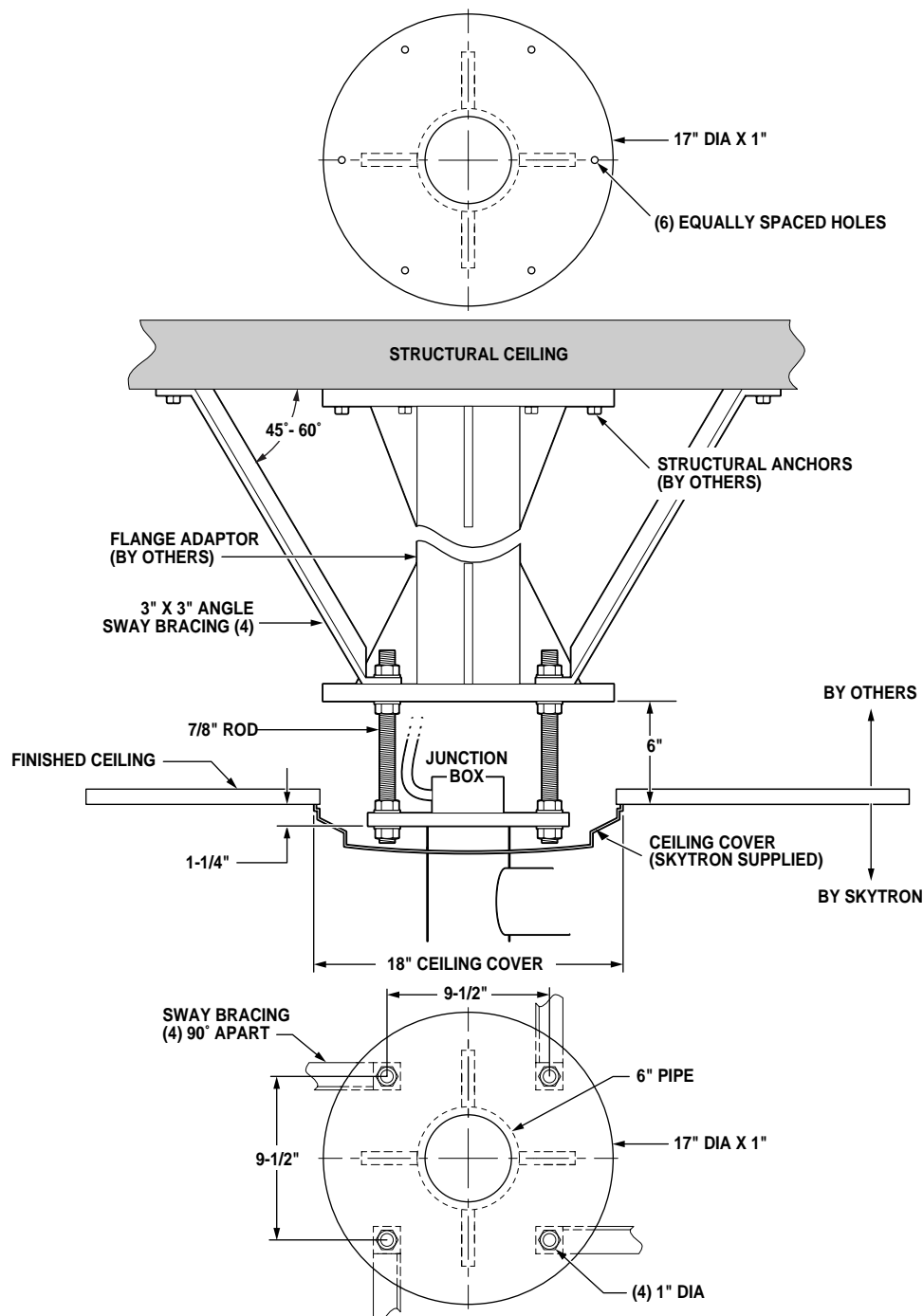


OPTIONAL BACK-BOX INSTALLATION

DIMENSIONS		
	SINGLE OR DUAL	TRIPLE
A	8"	10"
B	4"	4"
C	10"	13-1/2"
D	6-7/8"	8-5/8"
E	7-5/8"	11"
F	5-7/8"	6-3/8"
RECESS MOUNT FLANGE		
	11-3/4"W x 14"H	13-3/4"W x 17-1/4"H



STELLAR WALL CONTROL



NOTES

1. 7/8" support rods located for total support of light, all labor and materials for fabrication supplied by General Contractor. 7/8" nuts and washers for support of SKYTRON fixture supplied by contractor (16 ea. required).
2. The mounting structure must be attached to structural ceiling and **BRACED TO ALLOW NO TWISTING OR LATERAL MOTION** and shall be designed not to provide a degree of rotation greater than two-tenths of a degree at the mounting plate or the fixture mounting hub.
3. All 4 arm fixture installations require the mounting structure to be tested and comply with SKYTRON test jig requirements.
4. 120VAC 20A power supply required to junction box for monitor. Power cord with IEC female plug for monitor, supplied by SKYTRON. 3/4" conduit and minimum 12AWG wire size (2 wires per lighthead plus fixture ground wire) required between fixture and SKYTRON supplied wall control. All conduit, wiring, and other electrical materials as well as installation labor for the SKYTRON surgical light to be provided by Electrical Contractor. All installations of SKYTRON surgical lights should be under the direct supervision of a SKYTRON representative. All wiring to be in accordance with local codes. Installation requiring power modules for flatscreen application require a NEMA 4 enclosure provided by others.
5. Video cable for monitor routed through arm at installation to be provided by customer. Approximately 15 feet of cable is required from mounting hub to monitor.
6. TV light systems require 50 feet RG59U coaxial cable from junction box to camera control unit faceplate, supplied by SKYTRON.
7. CONTRACTOR HAS FINAL RESPONSIBILITY for the strength and stability of the Mounting Structure.

This is a GENERAL GUIDELINE ONLY.

Consult specific Seismic calculations if applicable.

LFS MOUNTING STRUCTURE GUIDELINE